

**PROCESS FOR REDUCING THE ELECTRICAL CONSUMPTION OF A
TRANSMITTER/RECEIVER OF DIGITAL INFORMATION, IN
PARTICULAR A CELLULAR MOBILE TELEPHONE, AND
CORRESPONDING TRANSMITTER/RECEIVER**

Abstract of the Disclosure

The electrical consumption of a cellular
mobile telephone is reduced by using fractional-
division phase-locked loops receiving a frequency
5 reference from a fairly inaccurate quartz oscillator.
Electrical consumption is also reduced by switching the
output of the oscillator onto the input of the
processing stage when the transmission/reception stage
is inactive. The fractional-division phase-locked
10 loops can then be deactivated.